Docket No.: MUH-12807

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

HAGEN KLAUK ET AL.

Filed

CONCURRENTLY HEREWITH

Title

SELF-ALIGNED CONTACT DOPING FOR ORGANIC FIELD-EFFECT TRANSISTORS AND METHOD FOR FABRICATING

THE TRANSISTOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

U.S. Patent No. 4,588,609 (Leyden et al.), dated May 13, 1986;

U.S. Patent No. 4,910,149 (Okube et al.), dated March 20, 1990;

U.S. Patent No. 5,447,824 (Mutsaers et al.), dated September 5, 1995;

U.S. Patent No. 5,250,388 (Schoch, Jr. et al.), dated October 5, 1993;

U.S. Patent No.5,942,374 (Smayling), dated August 24, 1999;

Patent Abstracts of Japan 04356931 A (Mamoru et al.), dated December 10, 1992;

European Patent Application EP 0 399 299 A2 (Angelopoulos et al.), dated November 28, 1990;

PCT WO 97/39383 (Murphy et al.), dated October 23, 1997;

Liming, D. et al.: "Photochemical Generation of Conducting Patterns in Polybutadiene Films", American Chemical Society, Macromolecules, Vol. 29, 1996, pp. 282-287;

Pichler, K. et al.: "Field-Effect Transistors Based on Poly (p-Phenylene Vinylene) Doped by Ion Implantation", American Institute of Physics, Journal of Applied Physics, Vol. 77, No. 7, April 1, 1995, pp. 3523-3527;

Yamashita, K. et al.: "Fabrication of an Organic p-n Homojunction Diode Using Electrochemically Cation- and Photochemically Anion-Doped Polymer", Jpn. J. Appl. Phys., Vol. 34, Part 1, No. 7B, July 1995, pp. 3794-3797;

Klauk, H. et al.: "A Reduced Complexity Process for Organic Thin Film Transistors", American Institute of Physics, Applied Physics Letters, Vol. 76, No. 13, March 27, 2000, pp. 1692-1694;

Zhou, X. et al.: "A Route to Stable Interfaces Between Dissimilarly Doped Conjugated Polymers", Materials Research Society, Mat. Res. Soc. Symp. Proc., Vol. 598, 2000, pp. BB5.7.1-BB5.7.6;

Garnier, F. et al.: "Tunneling at Organic/Metal Interfaces in Oligomer-Based Thin-Film Transistors", MRS Bulletin, June 1997, pp. 52-56;

Koezuka, H. et al.: "Polythiophene Field-Effect Transistor with Polypryrrole Worked as Source and Drain Electrodes", American Institute of Physics, Applied Physics Letters, Vol. 62, No. 15, April 12, 1993, pp. 1794-1796;

Koezuka, H. et al.: "Field-Effect Transistor Utilizing Conducting Polymers", Synthetic Metals, Elsevier Sequoia, Vol. 28, 1989, pp. C753-C760;

Angelopoulos, M. et al.: "In-Situ Radiation Induced Doping", Gordon and Breach Science Publishers S.A., Mol. Cryst. Liq. Cryst., Vol. 189, 1990, pp. 221-225;

Wolcszczak, M. et al.: "Some Aspects of the Radiation Processing of Conducting Polymers", Elsevier Science Ltd., Radiat. Phys. Chem., Vol. 45, No. 1, 1995, pp. 71-78;

International Search Report, dated August 21, 2002.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant.

Respectfully submitted,

For Applicants

WERNER H. STEMER REG. NO. 34,956

Date: October 6, 2003

Lerner and Greenberg, P.A.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))			1	Applicant: HAGEN KLAUK ET AL.						
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	Α	4,588,609	5/13/86	Leyden et al.						
	В	4,910,149	3/20/90	Okube et al.						
	С	5,447,824	9/5/95	Mutsaers et al.						
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		Liming, D. et al.: "Photochemical Generation of Conducting Patterns in Polybutadiene Films", American Chemical Society, Macromolecules, Vol. 29, 1996, pp. 282-287								
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		Yamashita, K. et al.: "Fabrication of an Organic p-n Homojunction Diode Using Electrochemically Cation- and Photochemically Anion-Doped Polymer", Jpn. J.						
		Appl. Phys., Vol. 34, Part 1, No. 7B, July 1995, pp. 3794-3797 Klauk, H. et al.: "A Reduced Complexity Process for Organic Thin Film Transistors", American Institute of Physics, Applied Physics Letters, Vol. 76, No. 13, March 27, 2000, pp. 1692-1694						
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